PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	1			
77840-A-PCT/JPW/BB	FOR FURTHER ACTION as well	see Form PCT/ISA/220 Las, where applicable, item 5 below.		
International application No. PCT/US 08/05564	International filing date (day month/year) 30 April 2008 (30.04.2008)	(Earliest) Priority Date (day month year) 19 July 2007 (19.07.2007)		
Applicant PROGENICS PHARMACEUTICALS, INC.				
This international search report consists	en prepared by this International Searching / g transmitted to the International Bureau. of a total of3 sheets. I copy of each prior art document cited in this			
1. Basis of the report				
a. With regard to the language, the	international search was carried out on the ba	asis of:		
the international application in the language in which it was filed.				
a translation of the in a translation furnishe	iternational application into	which is the language of les 12.3(a) and 23.1(b)).		
b. This international search reauthorized by or notified to	eport has been established taking into accour this Authority under Rule 91 (Rule 43.6bis(a	nt the rectification of an obvious mistake)).		
c. With regard to any nucleoti	ide and/or amino acid sequence disclosed in	the international application, see Box No. I.		
2. Certain claims were found	l unsearchable (see Box No. 11).			
3. Unity of invention is lacking (see Box No. III).				
4. With regard to the title,				
the text is approved as subm	itted by the applicant.			
the text has been established by this Authority to read as follows:				
5. With regard to the abstract,				
the text is approved as submi	tted by the applicant.			
the text has been established, may, within one month from t	according to Rule 38.2(b), by this Authority (the date of mailing of this international search	as it appears in Box No. IV. The applicant report, submit comments to this Authority.		
5. With regard to the drawings,				
a. the figure of the drawings to be pu	blished with the abstract is Figure No			
as suggested by the app				
as selected by this Authority, because the applicant failed to suggest a figure.				
as selected by this Authority, because this figure better characterizes the invention.				
b. Inone of the figures is to be published with the abstract.				

Form PCT/ISA/210 (first sheet) (April 2007)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 08/05564

Box No. 11 Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reason
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such extent that no meaningful international search can be carried out, specifically:
3. Claims Nos., 23, 29-39, 121-122 and 126 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
······································
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest and, where applicable, the
The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (April 2007)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 08/05564

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G01N 33/53 (2008.04) USPC - 435/7.1 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) USPC - 435/7.1					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 435/6					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST, Google Scholar: "CCR5 receptor" antagonist HIV log "maintaining a reduced viral load", "CCR5 receptor" antagonist HIV log "maintaining reduced viral load", "CCR5 receptor" antagonist HIV "maintaining reduced viral load", "CCR5 receptor" antagonist HIV "maintaining a reduced viral load"					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.		
X Y	US 2007/0026441 A1 (OLSON et al) 1 Feb 2007 (01.02.2007); para [0009], [0027], [0031], [0046], [0047], [0074], [0075], [0094], [0095], [0097]-[0101], [0104]-[0105], [0131], [0140], [0217], [0269], [0293]; Fig 5		40-46, 49-60, 95-104, 106,123-125		
			1-22, 24-28, 47, 48, 61- 94, 105, 107-120		
Y	NELSON et al. Efficacy and Safety of Maraviroc plus Viremic, ART-experienced Patients Infected with CO North America: 24-Week Results. 14th Annual Confi Infections 28 Feb 2007. Abstract #104aLB. Downloa http://www.retroconference.org/2007/Abstracts/306	1-22, 24-28, 47, 48, 81- 94, 107-118			
Y	US 2006/0154857 A1 (REDFIELD et al) 13 Jul 2006 (13.07.2006); para [0019], [0021], [0028]-[0030], [0070], [0072], [0073], [0095]		61-80, 94, 119, 120		
Y	US 2007/0031408 A1 (OLSON et al) 8 Feb 2007 (08.02.2007), para [0173]-[0175], [0007]		27, 28, 105		
Further documents are listed in the continuation of Box C.					
* Special categories of cited documents: "A" document published after the international filing date or priority date and not in conflict with the application but cited to understand to be of precipiles coloring.					
to be of particular relevance the principle or theory underlying the invention carlier application or patent but published on or after the international lifting date the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive					
L" document which may throw doubts on priority claim(s) or which is cred to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be					
"O" document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such documents, such combination being obvious to a person skilled in the art					
P" document published prior to the international filing date but later than "&" document member of the same patent family					
Date of the actual completion of the international search August 2008 (03.08.2008) Date of mailing of the international search report 15 AUG 2008					
ame and mailing address of the ISA/US Authorized officer:					
O. Box 1450,	Il Stop PCT, Attn: ISAUS, Commissioner for Patents D. Box 1450, Alexandria, Virginia 22313-1450 PCT Helpdesk: 571-272-4300				
acsimile No.	No. 571-273-3201 PCT OSP: 571-272-7774				